

SAND-CLAY HIGHWAYS

As Useful as Macadam Roads
For All Practical Purposes.

SIMPLE AND CHEAP TO BUILD

Requires Less Money to Construct
Than Any Other Type of Road Except the Earth Kind and Less to Repair.

The office of public roads at Washington has issued a farmers' bulletin which contains the following reliable information about the construction and uses of sand-clay roads:

"The possibilities of the sand-clay road may not be fully realized by the public for a long time to come, and the progress being made in this form of road building in nearly every part of the United States is encouraging. Such benefits as have come to Richland County, S. C.; Pike County, Ala.; Dallas County, Ala.; Cumberland County, S. C., and many other sections throughout the Atlantic and Gulf states from the use of sand-clay roads should be a sufficient incentive for a general study of the subject in those parts of the United States where these materials exist in adequate quantities."

"Sand and clay had always been abundant in Pike County, Ala. Still a combination of the two for road purposes was not thought of until four years ago. At the present time there are nearly 120 miles of sand-clay road in Pike County, which for all practical purposes are as useful as macadam roads and which have costed one-sixth of the amount standard macadam of the same or less width would cost in this section. With this system the remotest section of the country may be reached."

"At the present rate of improvement every important public road in Pike County will soon be a serviceable highway over which a wagon loaded with 100 bales of cotton may be drawn easily and quickly, whereas before the im-



CONSTRUCTING A SAND-CLAY ROAD

on the subject of cost the bulletin says:

"It is of course impossible to state definitely the cost of this form of construction, as it will be found to vary with the price of labor, the length of haul, the width of roadway and depth and nature of material. If we assume however, that the clay can be procured within a mile of the road which is to be improved and that the cost of labor is about \$1 per day and teams \$2 per day, the cost of constructing a twelve foot sand-clay road on a sand foundation, covered with clay to an average depth of six inches, would be approximately for a distance of one mile \$575.20."

"According to the experience of this office, the cost of sand-clay construction in the south has been found to range from \$200 to \$1,200 per mile, in most cases running from \$200 to \$800. In case changes of grade have to be made, with consequent cuts and fills, the cost would be proportionately greater than the figures given above."

Solicitous.

An old lady unaccustomed to traveling innocently seated herself in a first class carriage, although she only had a third class ticket. The guard, thinking she had made a mistake, popped his head into the carriage and inquired, "Are you first class, ma'am?" "No, sir, not altogether," she replied; "but much brighter than I was, thank you."—London Scraps.

NO. 5487

JOHN R. FOXON,
President

A. C. HEARD, Vice President

G. M. COOKE, Cashier

CLARENCE HELL,
Ass't Cashier

The First National Bank

Carlsbad, New Mexico

Capital and Surplus, \$125,000.

We have ample capital and are prepared at all times to care for the needs of our customers. The patronage of the public is respectfully solicited. No account too small to receive our best attention.

JOHN R. FOXON, President

R. B. ARMSTRONG, Cashier

The National Bank of Carlsbad

Depository for Eddy County and Territory of New Mexico

Open an account with us and try paying by checks.

You will find it will pay.

JOHN R. FOXON, President, J. H. Henderick, M. L. Thompson, R. B. Armstrong

Middle of the Block, Next door to Post Office

Previous attempts to build roads were possible. It is considered that success like this should be given wide publicity because it agrees with the method as well as the result. The men who do this in these countries are to be congratulated. The work they do in the early stages would make a good road. Other than paper, sand and gravel were used. Sand was used to give strength to the asphalt. This comprised eight cubic yards of asphalt to sixteen cubic yards, sand, gravel, stones, and broken brick.

The extent to which this kind of road construction can be used in public road improvement throughout the country can hardly be overestimated. In working these roads, repairs to roads if instead of the asphalt with timber, a few loads of sand or gravel from sand bars and coarse beds found along the streams in many portions of the country were turned to the road, permanent improvement would be assured.

It has been found that this kind of road is admirably suited to the northwestern part of the United States as well as to the southern, and it is believed that it can be found worthy of more general study than it has ever received heretofore. Its study should be of interest to the public schools in the larger districts of the country. If schools were encouraged to make a sandwich walk to the schoolhouse, the teacher's task of keeping a clean school building would be sufficiently lessened to make up for the time taken to interest the boys. Besides this actual improvement, a lasting profit would be given to that community from this simple study of a valuable process. For a large part of the country the sand-clay road is the only road possible or with in the reach of the rural districts, it requires less money to build than any other type of road except the earth road and less money to repair. It is simpler in its construction than any other except the earth road and lasts longer with the same amount of re-

pair.

Pennsylvania State Highways.
The state highway department of Pennsylvania expects to construct this year 200 miles of good roads.

Bring your Harness or Saddles and have them fixed up at Finlay-Pratt Hardware Company. All kinds of leather work.

Standing by Des Moines.
The Des Moines Daily News runs at the top of its next page the significant words, "Once a Booster, Always a Booster. Don't Forget to Ask for Des Moines Made Goods!"

Harness and Saddles made and repaired at Finlay-Pratt Hardware Company.

Reward For Ten Words.
Business men of Emporia, Kan., are offering a reward of \$100 to the Kansas editor who will write the best ten words about Emporia. The winning words will be used as a city slogan of publicity.

\$100 Reward.
For arrest of and conviction of any person stealing my horses or cattle.

A. C. HEARD.

List your land with the OLD RELIABLE FARMERS LAND LEAGUE

We are bringing hundreds of prospective buyers to the valley.

E. T. CARTER, Field Manager,
Headquarters: Hotel Schlitz, Carlsbad, New Mex.

It Reached the Spot.

Mr. E. Humphrey, who owns a large general store at Omroga, Ohio, is president of the Adams County Telephone Co., as well as of the Home Telephone Co., of Pike County, Ohio, says of Dr. King's New Discovery: "It saved my life once. At least I think it did. It seemed to reach the spot—the very seat of my cough—when everything else failed." Dr. King's New Discovery not only reaches the cough spot: It heals the sore spots and the weak spots in throat, lungs, and chest. Sold under guarantee at the Eddy Drug store, 50c. and \$1.00. Trial bottle free.

A Dandy for Burns.

Dr. Bergin Pana, Ill., writes: I have used Ballard's Snow Liniment always recommended it to my friends as I am confident there is no better made. It is a dandy for burns. Those who live on farms are especially liable to many accidental cuts, burns, bruises, which heal rapidly when Ballard's Snow Liniment is applied. It should always be kept in the house."—5c., 50c. and \$1.00. Sold by the Eddy Drug Co.

Not a Question of Grammar.

The green reporter turned to Editor McKelway. "Which should I say?" he asked hesitatingly. "My boy Henry laid an egg on the table?"

"Well," said Editor McKelway impatiently, "if you want something to crow over, and he's that kind of a henry, let him lay it on the table if he can. Otherwise have him put it there."—Judge.

Quick Meal Gasoline Stoves. We sell them, prices \$3.50 to \$35.00. Tracy-Roberts Hdwy Co.

Go to the City Livery Stable to get your horse fed.

A Special Fruit Trader.

Horticulturists and growers have always been noted for their puns. Many careful growers of fruit have worked up a special fruit trade by slipping high-class fruit under their own brand and name. In years when climate and other conditions render the quality of fruit poor, can the grade they are accustomed to ship under their named brands the fruit is forwarded unchanged. A most attractive brand of fresh-picked fruit soon becomes known and largest tax on the market—Maryland Exportment Station.

Good Care Required.

Good care is required to keep trees healthy. Crowded limbs should be cleared out.

All the World.

Knows that Ballard's Snow Liniment has no superior for the elimination of joints, cuts, sprains, bruises and strains. Buy it, try it and you will obviously see why body who uses it. Ballard's Snow Liniment is a living proof of what it does. All we ask is to buy it, get a trial bottle.

Price 50c., 50c., \$1.00. Sold by the Eddy Drug Co.

Feed yard a specialty at the City Stables.



Modern Tiled Roads.

It somewhat appears that our whole country is soon to be made available through roads constructed by what some one has dubbed the petrolytic process, says the Los Angeles Times. In riding over a country road a chauffeur was heard to remark, "I have driven over all kinds of roads, but that sewage machine roller beats down the best surface I ever traveled over." Judging by the mileage now under construction by this process, it would appear that the general public heartily

Cause for Worry.

"Did you have a good time at your musical?"

"No," answered Mr. Cumrox. "Every time the band played anything I enjoyed I got worried for fear it wasn't classical enough to be the money's worth"—Washington Star.

The World's Best Climate

is not entirely free from disease, on the high elevations fevers prevail while on the lower levels malaria is encountered to a greater or less extent, according to altitude. To overcome climate affections, basitide, malaria, jaundice, biliousness, fever and ague, and general debility, the most effective remedy is Electric Bitters, the great alterative and blood purifier; the antidote for every form of bodily weakness, nervousness, and insomnia. Sold under guarantee at the Eddy Drug store. Price 50c.

It being apparent to the writer that the desire of the small boy is for small and sound, he (the writer) hereby gives a recipe for making homemade fire-crackers at home. These will combine a sound, small and also safety.

Take a pound of macaroni, cut into pieces three inches long; thread the hollow part with cord soaked in kerosene to form fuse, and your home-made safety firecrackers are ready to be loaded.

Take the first piece of macaroni you intend to load and hold in an upright position with one finger at the bottom.

Now force down a small piece of limburger cheese and pack with a lead pencil till it makes a cork at the bottom.

Now take a teaspoonful of gunpowder and pour into a cylinder on top of the limburger cheese at bottom; don't let the gunpowder comes within a fraction of an inch of the top.

Take another small piece of limburger cheese and pack on top of the gunpowder.

You will now have a homemade fire-cracker made with a macaroni shell, a kerosene-soaked cord fuse running through it, gunpowder in the middle and both ends plugged with limburger.

Put away to dry and proceed till you have a sufficient quantity or run out of materials.

It may be well, however, to provide oneself with a permit from the board of health before beginning the celebration of a glorious Fourth with our homemade safety fireworks.—Boy's McCandell in New York World.

A Losing Scheme.

"They tell me that poor Jolly is a victim of his own good fellowship."

"That's so. He lost his own health in drinking other people's."—Baltimore American.

Wire Stringing in Streets.

The New Jersey supreme court has handed down a decision which will stop telephone, lighting and other public utility corporations from mutilating street trees by cutting out the tops, says the Los Angeles Times. Streets are not laid out or contemplated from a consideration of these companies, nor should such corporations be given any hearing where their interests conflict with those of the masses. Wires of all kinds should be strung only under three conditions—viz., in alleys or on rear property lines, fifty feet above street, later to be put under ground, or placed in subterranean conduits at the outset. Eventually all companies must bow to these or similar restrictions.

Your Liver.

is out of order. You go to bed in a bad humor and get up with a bad taste in your mouth. You want something to stimulate your liver. Just try Herlone the liver regulator. A positive cure for constipation, dyspepsia and all liver complaints. Mrs. F. E. Worth, Texas writes: "Have used Herlone in my family for years. Words can't express what I think about it. Everybody in my household are happy and well and we owe it to Herlone." Sold by the Eddy Drug Co.

The Coop.

"This flat is a mere coop." "Yes, John," said his wife sweetly, "and the cook has just flew it"—Pittsburg Post.

Watch Vacant Lots.

On vacant lots we will soon see a vegetable growth of weeds that will hide tin cans, antiquated bed springs, deceased cats and all manner of evil. It has been observed that on vacant lots where the weeds are kept down few of such objects are thrown, so that property owners close about could well afford if only from a sanitary standpoint to keep the weeds cut down or plowed under.

Quick Meal Gasoline Stoves.

A child or an untrained hired girl can use it safely. Fuel only costs 4 or 6 cents a day. No kindling, ashes, soot dirt or HEAT. Cheaper than wood at \$3.00 a cord. We sell them. TRACY-ROBERTS HDW. CO.